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Patent 7,087,954

PATENT

**IN UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No.: 7,087,954

Docket No: 1303.027US1

Issue Date: August 8, 2006

Patentee: Leonard Forbes

Customer No.: 21186

Confirmation No.: 2652

Title IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL  
BARRIER INTERPOLY INSULATORS**REQUEST FOR CERTIFICATE OF CORRECTION**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

**Pursuant to 1.20(a), enclosed please find a check in the amount of \$100.00.**

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

LEONARD FORBES

By his Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 373-6900

Date:

30 Oct '06

By:

Timothy B. Chase

Reg. No: 40,957

TBC:sj

11/06/2006 YPCLITE1 00000025 7087954

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100.00 0P

**Certificate**  
NOV 07 2006  
**of Correction**

CERTIFICATE UNDER 37 CFR § 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on this 31 day of September 2006

KATHLEEN E. ROTHACK  
NameKathleen E. Rothack  
Signature

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Leonard Forbes

Examiner: Booth, Richard

Patent No.: 7,087,954

Group Art Unit: 2812

Issue Date: August 8, 2006

Docket No: 1303.027US1

Title: IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH LOW TUNNEL BARRIER INTERPOLY  
INSULATORS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN: CERTIFICATE OF CORRECTION BRANCH

We are transmitting herewith the attached:

- ☒ A check in the amount of \$100.00 to cover the Certificate of Correction fee.
- ☒ Request for Certificate of Correction.
- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
- ☒ A return postcard.

**Please charge any additional fees or credit overpayment to Deposit Account No. 19 0743.**

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer No: 21186

By: 

Name: Timothy B. Clise

Reg. No. 40,957

TBC:CMG:sj

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria VA 22313-1450, on this 31 day of ~~September~~ 2006.

~~SEPTEMBER~~  
OCTOBER

KATHLEEN E. ROTHROCK

Name

Kathleen E. Rothrock

Signature

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,087,954

Page (1) of 3

DATED : August 8, 2006

INVENTOR(S) : Forbes

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 2, line 62, delete "interply" and insert - - interpoly - -, therefor.

In column 3, line 40, delete "X," and insert - - X, - -, therefor.

In column 4, line 57, after "includes" delete "includes".

In column 5, line 20, delete "nonvolatile" and insert - - non-volatile - -, therefor.

In column 5, line 23, delete "nonvolatile" and insert - - non-volatile - -, therefor.

In column 5, line 45, delete "an" and insert - - a - -, therefor.

In column 6, line 31, delete "invention. The" and insert - - invention, the - -, therefor.

In column 6, line 62, delete "nonvolatile" and insert - - non-volatile - -, therefor.

In column 7, line 31, delete "non volatile" and insert - - non-volatile - -, therefor.

In column 7, line 61, delete "non volatile" and insert - - non-volatile - -, therefor.

In column 10, line 16, delete "6003," and insert - - 600-3, - -, therefor.

In column 10, line 55, after "630" insert - - . - -.

In column 12, line 11, delete "an" and insert - - a - -, therefor.

In column 13, line 45, delete "A." and insert - - A). - -, therefor.

In column 21, line 60, delete "transfered" and insert - - transferred - -, therefor.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.  
P.O. BOX 2938  
Minneapolis, MN 55402

Atty Docket No: 1303.027US1

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DATED : August 8, 2006

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In column 22, line 7, after "the" delete "the".

In column 22, line 25, after "5A-5E" insert - - . - -.

In column 23, line 6, delete "interply" and insert - - interpoly - -, therefor.

In column 23, line 39, delete "Meal-Oxide-Metal" and insert - - Metal-Oxide-Metal - -, therefor.

In column 23, line 50, delete "El-Badry," and insert - - El-Badry, - -, therefor.

In column 23, line 62, delete "Al-Al<sub>2</sub>O<sub>3</sub>-AL" and insert - - Al-Al<sub>2</sub>O<sub>3</sub>-Al - -, therefor.

In column 24, line 18, delete "pp/388-390," and insert - - pp. 388-390, - -, therefor.

In column 24, lines 52-54, in Claim 4, after "insulator" delete "and wherein the metal layer of the floating gate is continuous wherein the metal layer of the floating gate is continuous." and insert - - . - -, therefor.

In column 27, line 18, in Claim 14, delete "baffler" and insert - - barrier - -, therefor.

In column 28, line 5, in Claim 19, delete "columns" and insert - - columns - -, therefor.

In column 33, line 16, in Claim 51, after "floating" delete "gate;" and insert - - gate, the control gate including a metal layer; - -, therefor.

In column 33, line 18, in Claim 51, delete "gate." and insert - - gate and in contact with the metal layer of the control gate. - -, therefor.

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It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 33, lines 20-23, in Claim 52, after "layer" delete "and a second metal layer, the second metal layer being separated from the continuous metal layer of the floating gate by the low tunnel barrier intergate insulator." and insert - - . - -, therefor.

In column 33, line 37, in Claim 53, after "floating" delete "gate;" and insert - - gate, the control gate including a second metal layer; - -, therefor.

In column 33, line 39, in Claim 53, delete "gate." and insert - - gate and the second metal layer of the control gate. - -, therefor.

In column 33, line 41, in Claim 54, after "gate" insert - - further - - .

In column 33, lines 41-42, in Claim 54, after "layer" delete "and a second metal layer." and insert - - . - -, therefor.


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In column 2, line 62, delete "interply" and insert - - interpolate - -, therefor.

In column 3, line 40, delete "X," and insert - -  $X_1$  - -, therefor.

In column 4, line 57, after "includes" delete "includes".

In column 5, line 20, delete "nonvolatile" and insert - - non-volatile - -, therefor.

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